


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐**APPLICATION FOR PERMIT TO DRILL**

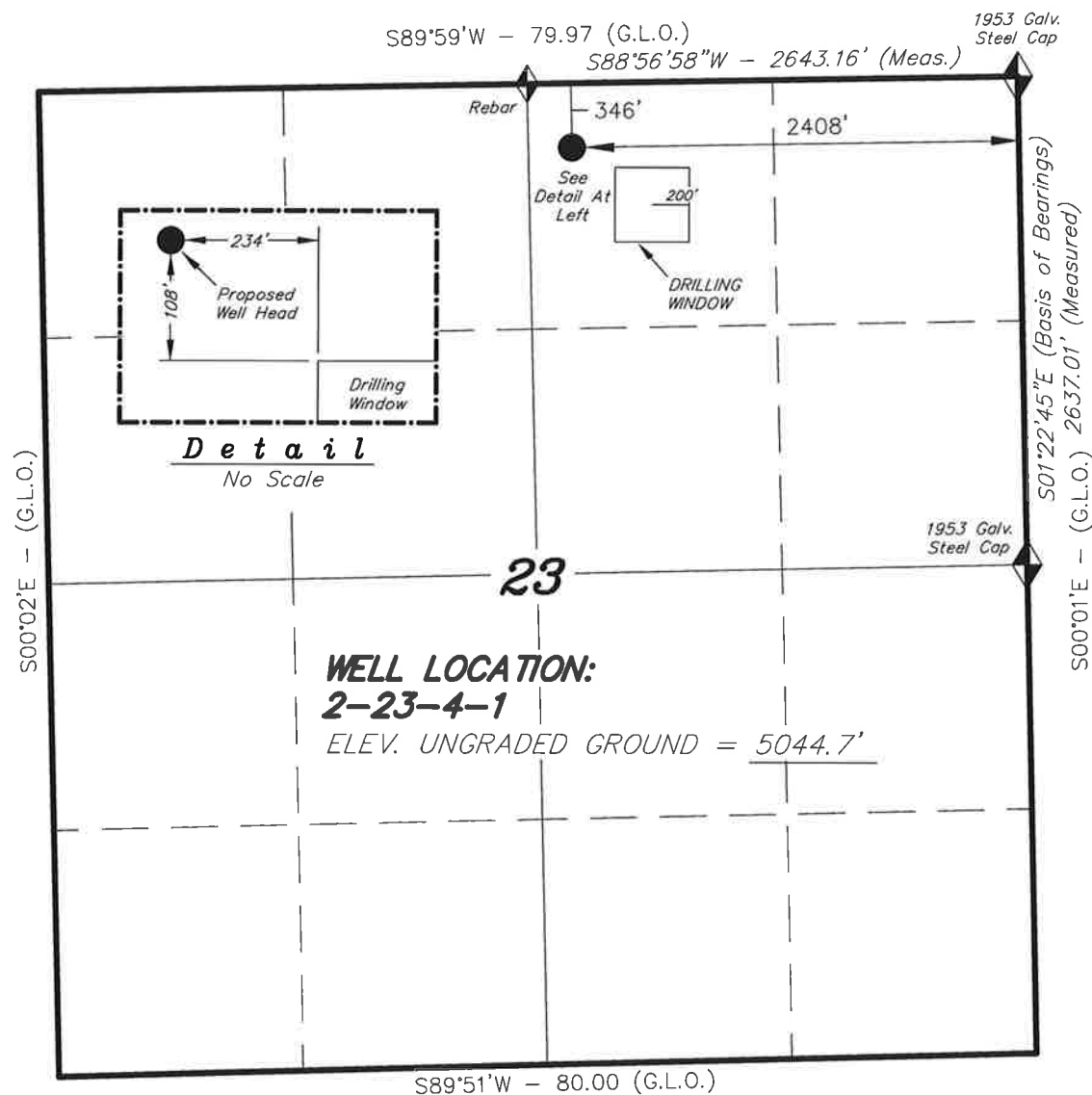
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				1. WELL NAME and NUMBER Hancock 2-23-4-1		
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO				3. FIELD OR WILDCAT MONUMENT BUTTE		
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY				5. UNIT or COMMUNITIZATION AGREEMENT NAME		
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052				7. OPERATOR PHONE 435 646-4825		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE		11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>		9. OPERATOR E-MAIL mcrozier@newfield.com		
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Henderson Ranches LLC				12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') RR 3 Box 3671, ,				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
20. LOCATION OF WELL		FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE
LOCATION AT SURFACE		346 FNL 2408 FEL	NWNE	23	4.0 S	1.0 W
Top of Uppermost Producing Zone		346 FNL 2408 FEL	NWNE	23	4.0 S	1.0 W
At Total Depth		346 FNL 2408 FEL	NWNE	23	4.0 S	1.0 W
21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 346		23. NUMBER OF ACRES IN DRILLING UNIT 40		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1320		26. PROPOSED DEPTH MD: 7180 TVD: 7180		
27. ELEVATION - GROUND LEVEL 5045		28. BOND NUMBER B001834		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478		

ATTACHMENTS**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP
NAME Mandie Crozier	TITLE Regulatory Tech
SIGNATURE	DATE 06/17/2010
API NUMBER ASSIGNED 43047511110000	PHONE 435 646-4825
APPROVAL	EMAIL mcrozier@newfield.com
 Permit Manager	

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	5.5	0	7180		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	7180	15.5			

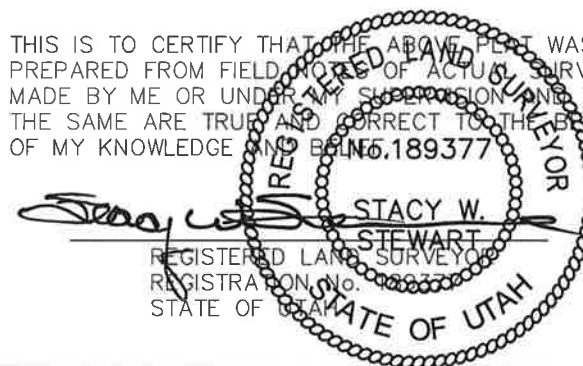
Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	8.625	0	400		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	400	24.0			

T4S, R1W, U.S.B.&M.**NEWFIELD PRODUCTION COMPANY**

WELL LOCATION, 2-23-4-1, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 23, T4S, R1W, U.S.B.&M. UTAH COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



\blacklozenge = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are base on LOCATION: an N.G.S. OPUS Correction. LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

2-23-4-1
(Surface Location) NAD 83
LATITUDE = 40° 07' 36.45"
LONGITUDE = 109° 57' 46.04"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 02-12-10	SURVEYED BY: T.P.
DATE DRAWN: 02-19-10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

**MEMORANDUM
of
EASEMENT, RIGHT-OF-WAY
and
SURFACE USE AGREEMENT**

This Easement and Surface Use Agreement ("Agreement") is entered into this 20th day of May 2010 by and between, **Henderson Ranches, LLC, Wayne and Moreen Henderson, Lance and Julie Henderson, Tommy Henderson, and Billie Henderson**, whose address is R.R. 3, Box 3671, Myton, Utah 84052 ("Surface Owner," whether one or more), and **NEWFIELD PRODUCTION COMPANY**, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Uintah County, Utah described as follows:

Township 4 South, Range 1 West

Section 23: NWNE

(2-23-4-1, approx. 1.5 acres plus approx. 2210ft of road and pipeline)

Uintah County, Utah

(limited to proposed roads, pipelines, & well pad only, as shown in attached plats)

and associated road and pipeline routes beginning at the wellsites and traversing the lands as shall be agreed upon prior to the construction of same.

For and in consideration of the sum of ten dollars (\$10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

1. **Compensation for Well; Release of All Claims**

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated May 20th, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

2. **Grant of Right of Way and Easement**

Surface Owner hereby grants, bargains, leases, assigns, and conveys to NEWFIELD an easement and right-of-way for the purpose of construction, using and maintaining access roads, locations for surface equipment and subsurface gathering lines for each well drilled upon the Lands, pipelines, and pipeline interconnections for two years from date of this agreement and so long thereafter as NEWFIELD's oil and gas leases remain in effect.

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned.

These Parties hereto have executed this document effective as of the day first above written.

NEWFIELD PRODUCTION COMPANY

By: _____
Dan Shewmake, Vice President-Development

SURFACE OWNER

By: Wayne Henderson
Wayne Henderson, Henderson Ranches. LLC

By: Wayne Henderson
Wayne Henderson

By: Lance Henderson
Lance Henderson

By: Tommy Henderson
Tommy Henderson

By: Moreen Henderson
Moreen Henderson

By: Julie Henderson
Julie Henderson

By: Billie Henderson
Billie Henderson

STATE OF UTAH)
)ss
COUNTY OF Duchesne)

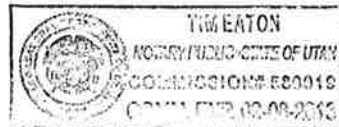
This instrument was acknowledged before me this 7th day of June, 2010 by **Wayne Henderson and Moreen Henderson**

Witness my hand and official seal.

My commission expires 9/8/2013



Notary Public



STATE OF UTAH)
)ss
COUNTY OF Duchesne)

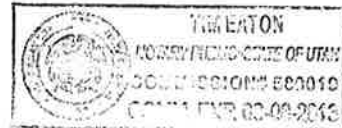
This instrument was acknowledged before me this 7th day of June, 2010 by **Lance Henderson and Julie Henderson**

Witness my hand and official seal.

My commission expires 9/8/2013



Notary Public



STATE OF UTAH)
)ss
COUNTY OF Duchesne)

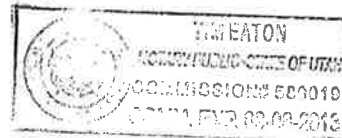
This instrument was acknowledged before me this 7th day of June, 2010 by **Tommy Henderson and Billie Henderson**

Witness my hand and official seal.

My commission expires 9/8/2013



Notary Public



STATE OF COLORADO)
)ss
COUNTY OF Denver)

This instrument was acknowledged before me this _____, 2010 by **Dan Shewmake-Development, as Vice President of Newfield Production Company, a Texas corporation, on behalf of the corporation.**

Witness my hand and official seal.

Notary Public

My commission expires _____

NEWFIELD PRODUCTION COMPANY
HANCOCK 2-23-4-1
NW/NE SECTION 23, T4S, R1W
UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 2,035'
Green River	2,035'
Wasatch	6,905'
Proposed TD	7,180'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 2,035' – 6,905'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

a. **Casing Design: Hancock 2-23-4-1**

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	400'	24.0	J-55	STC	2,950 13.15	1,370 10.77	244,000 25.42
Prod casing 5-1/2"	0'	7,180'	15.5	J-55	LTC	4,810 2.11	4,040 1.77	217,000 1.95

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
Pore pressure at surface casing shoe = 8.33 ppg
Pore pressure at prod casing shoe = 8.33 ppg
Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. **Cementing Design: Hancock 2-23-4-1**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	400'	Class G w/ 2% CaCl	183 215	30%	15.8	1.17
Prod casing Lead	5,180'	Prem Lite II w/ 10% gel + 3% KCl	358 1167	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

- *Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
 - Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ± 400 feet will be drilled with an air/mist system. The air rig is equipped with a 6 1/2" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ± 400 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 400' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the fourth quarter of 2010, and take approximately seven (7) days from spud to rig release.

2-M SYSTEM

Blowout Prevention Equipment Systems

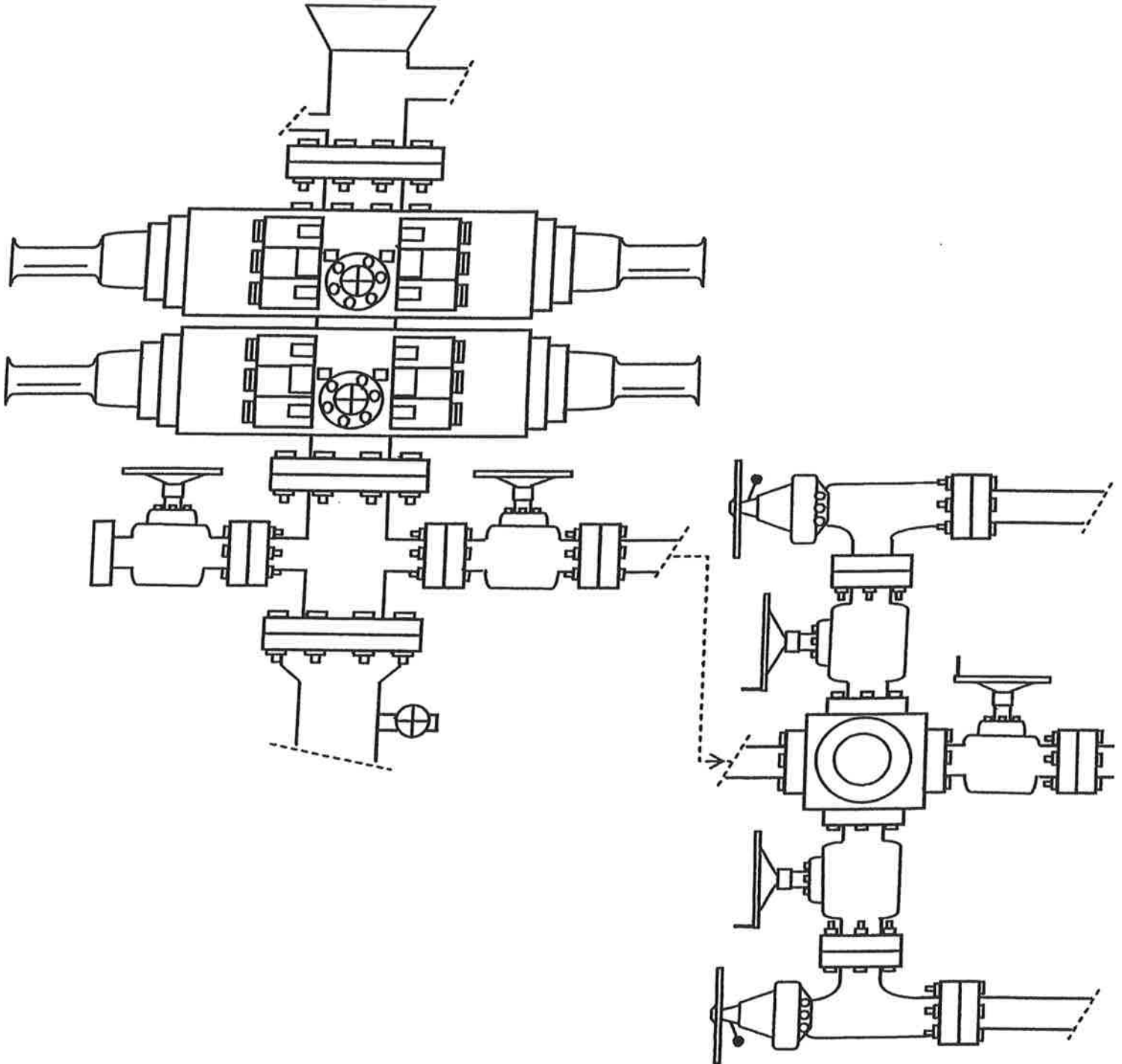
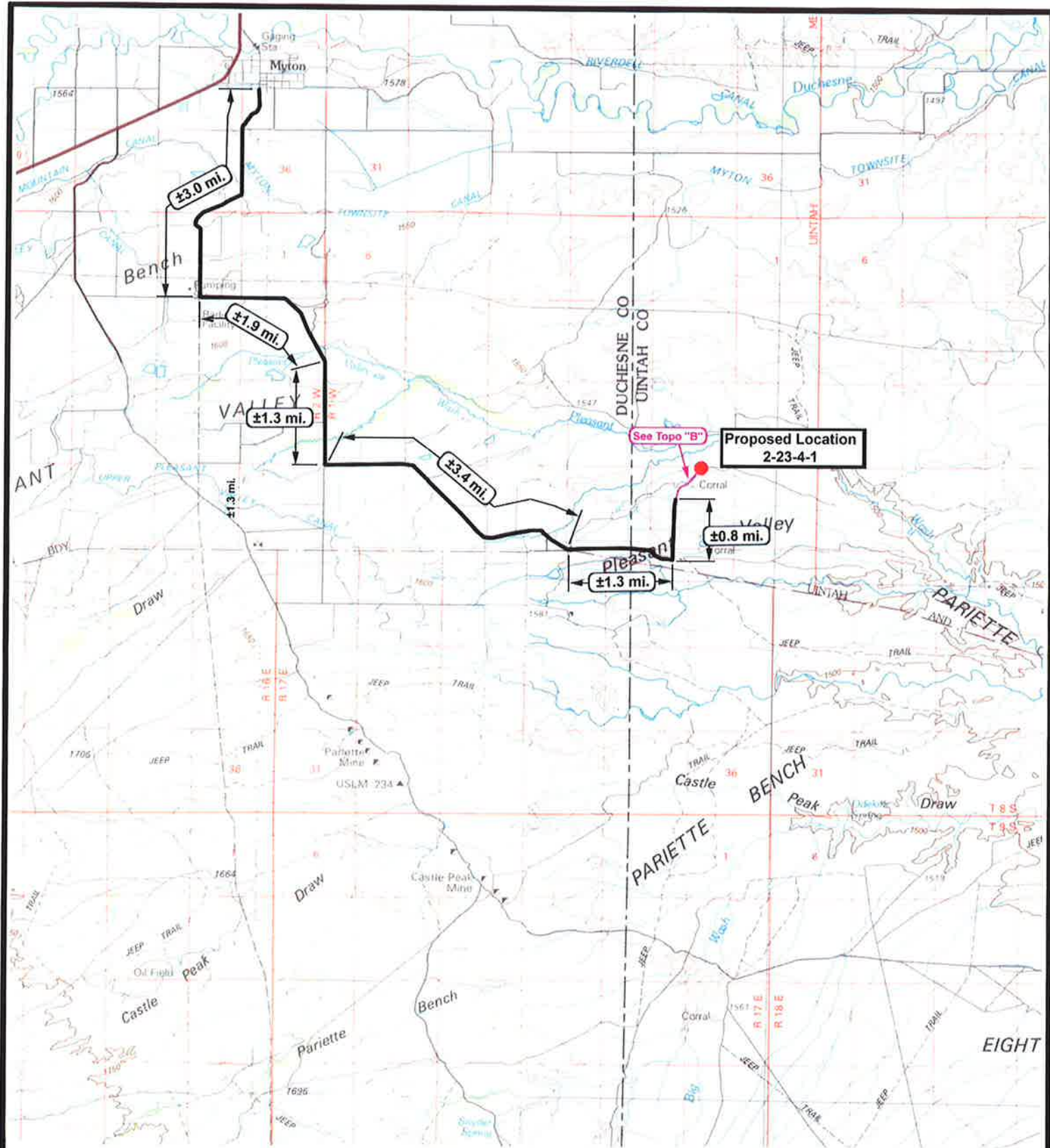
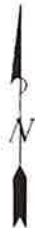


EXHIBIT C



NEWFIELD
Exploration Company

2-23-4-1
SEC. 23, T4S, R1W, U.S.B.&M.



180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 : 100,000

DRAWN BY: mw

DATE: 02-22-2010

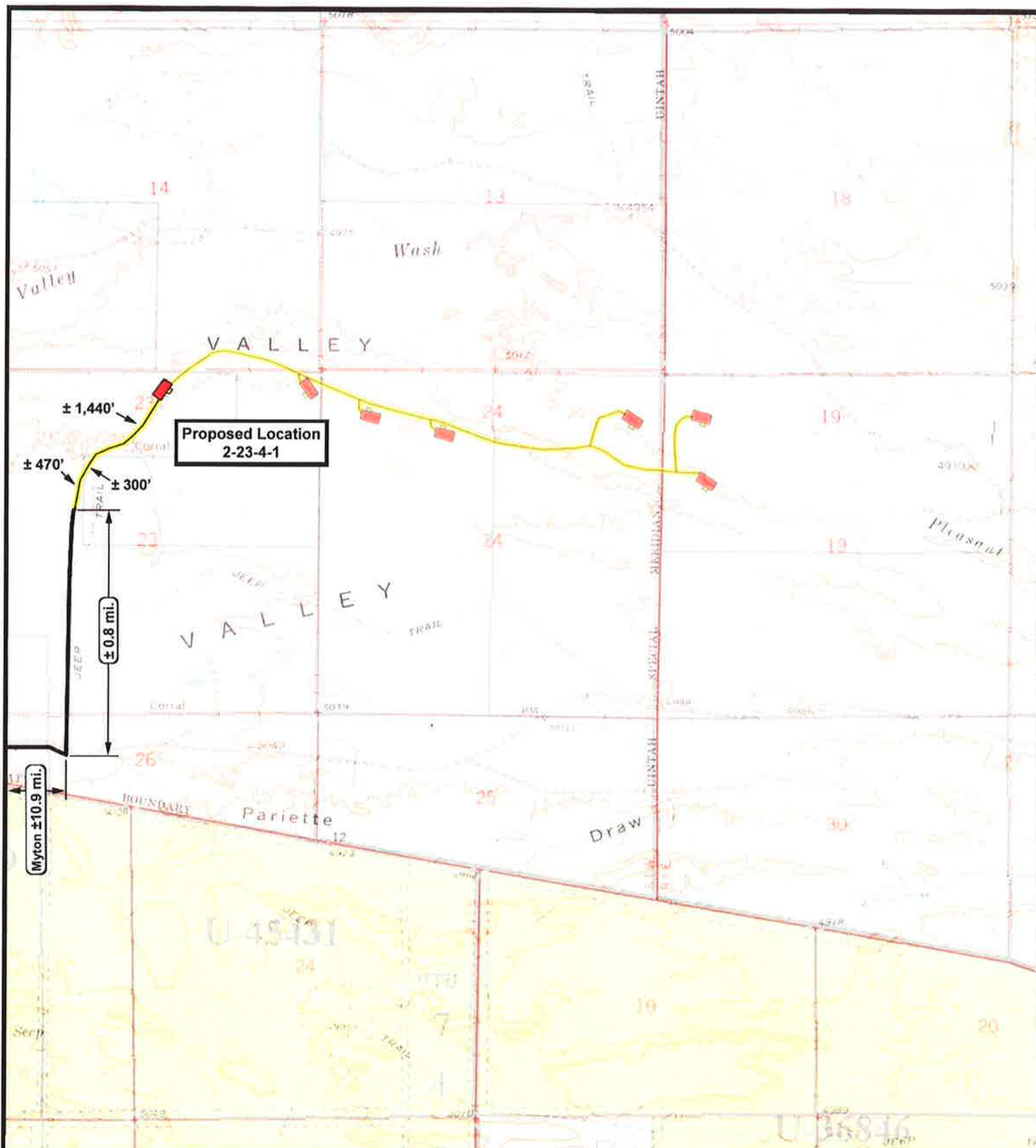
Legend

Existing Road

Proposed Access

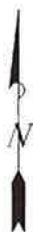
TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

2-23-4-1
SEC. 23, T4S, R1W, U.S.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

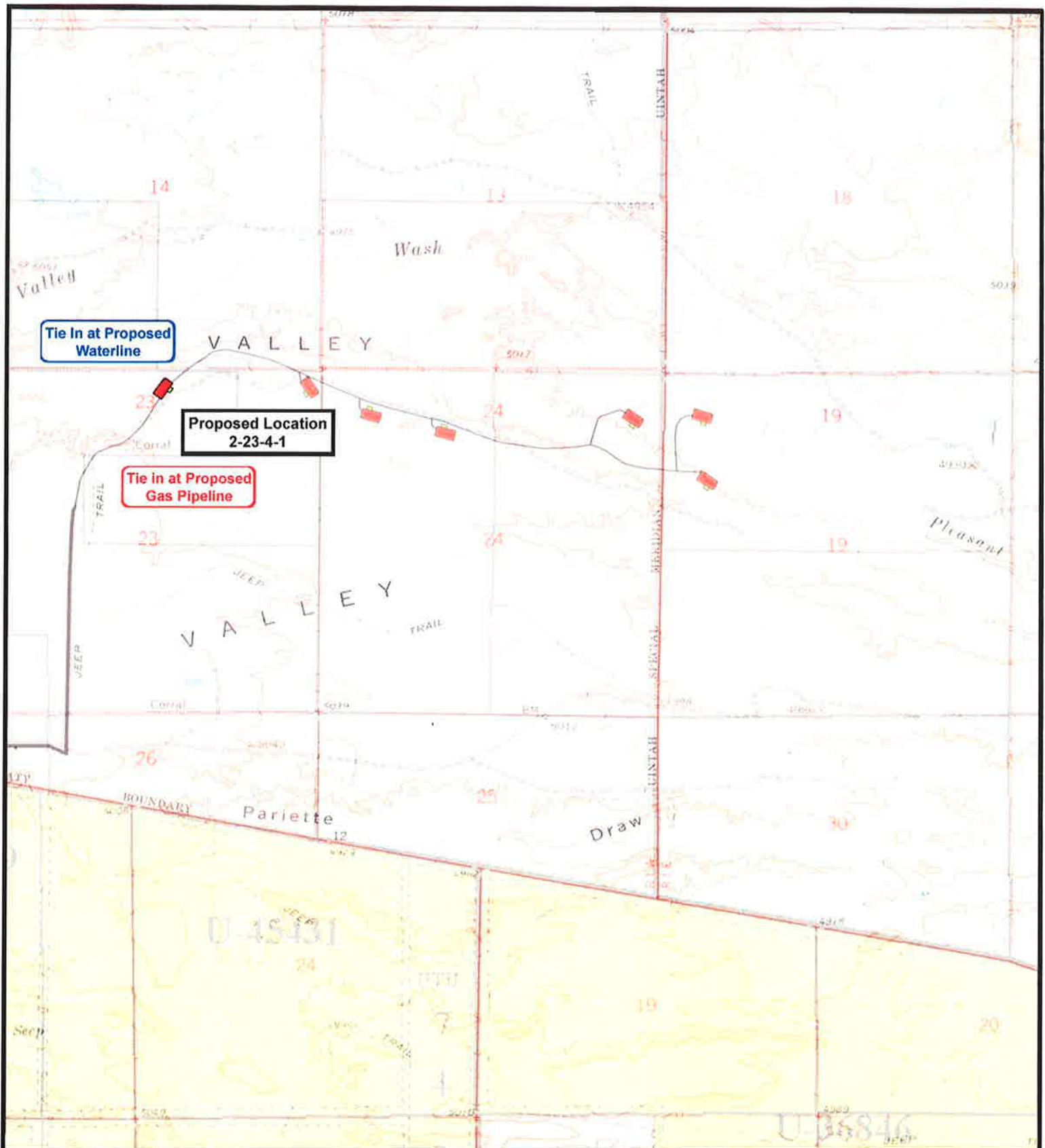
DATE: 02-22-2010

Legend

Existing Road
Proposed Access

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

2-23-4-1
SEC. 23, T4S, R1W, U.S.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 02-22-2010

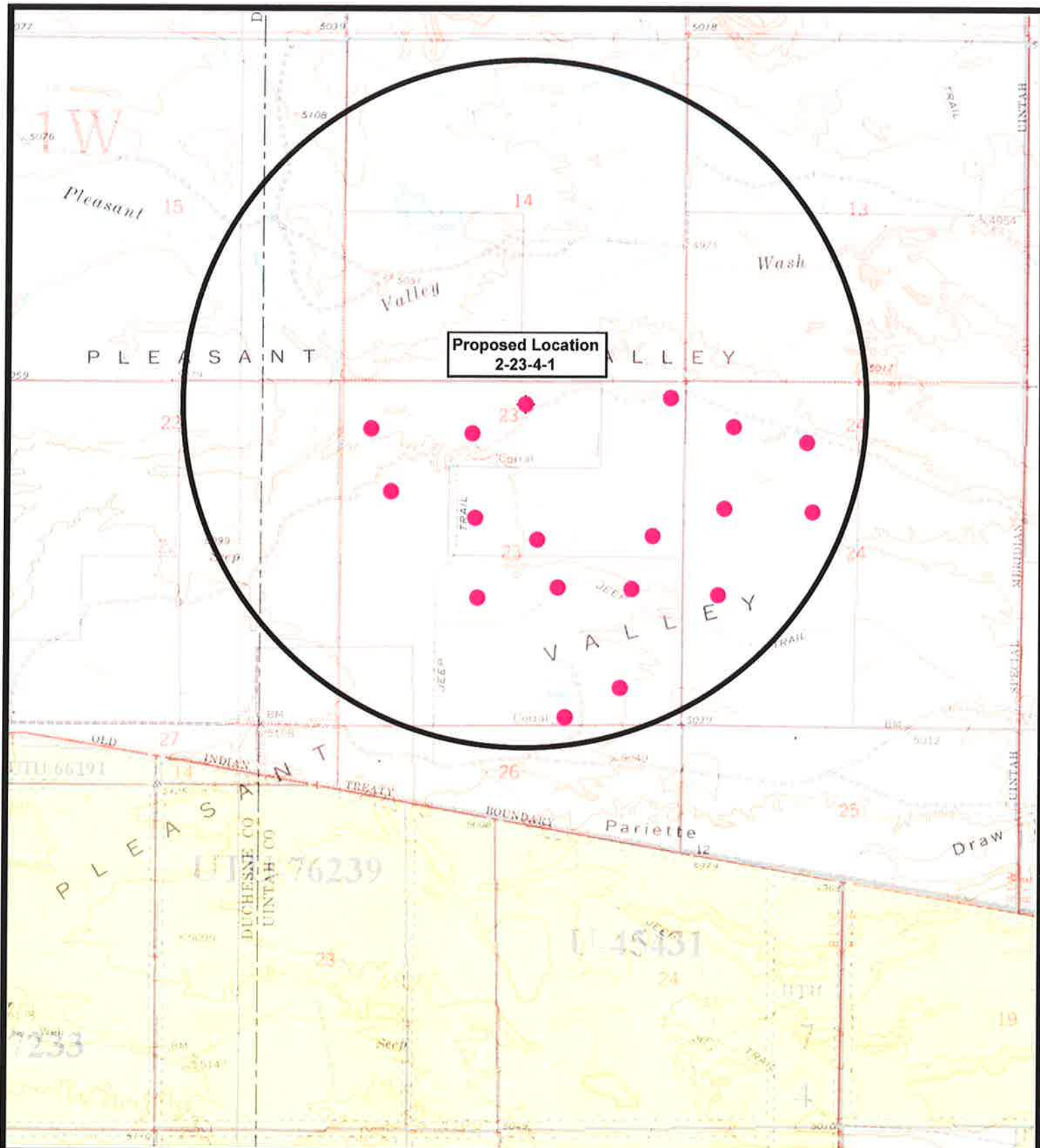
Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"





NEWFIELD
Exploration Company

2-23-4-1
SEC. 23, T4S, R1W, U.S.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 02-22-2010

Legend

- Location
- One-Mile Radius

Exhibit "B"

NEWFIELD PRODUCTION COMPANY
HANCOCK 2-23-4-1
NW/NE SECTION 23, T4S, R1W
UINTAH COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. **EXISTING ROADS**

See attached **Topographic Map “A”**

To reach Newfield Production Company well location site Hancock 2-23-4-1 located in the NW¼ NE¼ Section 23, T4S, R1W, S.L.B. & M., Uintah County, Utah:

Proceed in a southwesterly direction out of Myton, approximately 3.0 miles to it's junction with an existing road to the east; proceed in a southeasterly direction approximately 3.2 miles to it's junction with an existing road to the east; proceed southeasterly approximately 3.4 miles to it's junction with an existing road to the east; proceed easterly approximately 1.3 miles to it's junction with an existing road to the north; proceed northerly approximately 0.8 miles to it's junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road approximately 2,210' to the proposed well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. **PLANNED ACCESS ROAD**

Approximately 2,210' of access road is proposed. See attached **Topographic Map “B”**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B**.

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-7478

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. A 16 mil liner with felt will be required. Newfield requests approval that a flare pit be constructed and utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** Henderson Ranches, LLC.
See attached Memorandum of Surface Use Agreement.

12. **OTHER ADDITIONAL INFORMATION:**

Newfield Production Company requests 2,210' of planned access road to be granted. **Refer to Topographic Map "B".**

In the event that the proposed well is converted to a water injection well, a Sundry Notice form will be applied for through the State of Utah DOGM.

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Hancock 2-23-4-1, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the

Hancock 2-23-4-1 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

Name: Tim Eaton

Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052

Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #2-23-4-1, NW/NE Section 23, T4S, R1W, Uintah County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

6/17/10
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD



Route #3 Box 3630
Myton, Utah 84052
(435) 646-4825, FAX: (435) 646-3031

June 17, 2010

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Mason
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill
Hancock 2-23-4-1

Dear Diana:

The above mentioned location is an **Exception Location**. Our Land Department will send you the required exception location letter. If you have any questions, feel free to give either Tim Eaton or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

Location Map

The map displays the following counties and their relative positions:

- North:** Cache, Rich
- North-Central:** Box Elder, Morgan, Davis
- Central:** Salt Lake, Summit, Tooele, Wasatch, Duchesne, Utah
- South-Central:** Juab, Carbon, Sanpete, Millard, Emery, Grand
- South:** Beaver, Piute, Wayne, Iron, Garfield, Kane
- East:** Daguerre, Uintah, San Juan
- West:** Washington

A red dot is located in the eastern part of Utah, within the boundaries of Uintah County.



1,600 800 0 1,600 Feet

1:15,045



March 24, 2010

State of Utah, Division of Oil, Gas & Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Exception Location
Hancock 2-23-4-1
T4S R1W, Section 23: NWNE
346'FNL 2408' FEL
Uintah County, Utah

Dear Ms. Mason;

Pursuant to Rule 649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company ("NPC") hereby requests an exception location for the drilling of the captioned well. The proposed drillsite for this well is located 234' west and 108' north of the drilling window required by Rule R649-3-2, which requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The attached plat depicts the proposed location and illustrates the deviation from the drilling window. The requested location has been chosen to accommodate the surface owner.

Please note the drillsite is on fee acreage and the leasehold is owned by NPC, the Ute Indian Tribe and John Chasel. The location is less than 460' from acreage owned by the Ute Indian Tribe and John Chasel. A copy of their consents to this location has been enclosed.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-383-4137 or by email at awild@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in blue ink, appearing to read "Alan Wild".

Alan Wild
Land Associate

Attachment

Return to: Newfield Production Company
ATTN: Alan Wild
1001 17th Street, Suite 2000
Denver, CO 80202

303-685-8098 fax

awild@newfield.com email

Re: Exception Location
Hancock 2-23-4-1
T4S R1W, Section 23: NWNE
346' FNL 2408' FEL
Uintah County, Utah

Please be advised The Ute Indian Tribe does not have an objection to the proposed location of the
aforementioned well.

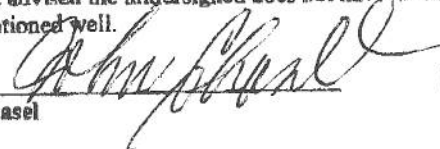
By: Manuel M. Lopez
Director
acting Manuel M. Lopez
Print Name and Title

Date: 06/18/2015

Attn: Alan Wild
Newfield Production Company
awild@newfield.com
303-685-8098 fax

RE: Exception Location
Hancock 2-23-4-1
T4S R1W, Section 23: NWNE
346' FNL 2408' FBL
Uintah County, Utah

Please be advised the undersigned does not have an objection to the proposed location of the
aforementioned well.


John Chasel

Date: 7-1-2010

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

 AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: FEE	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA	
B. TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: NA	
2. NAME OF OPERATOR: Newfield Production Company				9. WELL NAME and NUMBER: Hancock 2-23-4-1	
3. ADDRESS OF OPERATOR: Route #3 Box 3630 CITY Myton STATE UT ZIP 84052			PHONE NUMBER: (435) 646-3721	10. FIELD AND POOL, OR WILDCAT: Monument Butte	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: NW/NE 346' FNL 2408' FEL AT PROPOSED PRODUCING ZONE:				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 23 4S 1W	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 12.1 miles southeast of Myton, Utah				12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) Approx. 346' f/lse line, NA' f/unit line		16. NUMBER OF ACRES IN LEASE: NA		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 acres	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) NA		19. PROPOSED DEPTH: 7,180		20. BOND DESCRIPTION: #B001834	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5045' GL		22. APPROXIMATE DATE WORK WILL START: 4th Qtr. 2010		23. ESTIMATED DURATION: (10) days from SPUD to rig release	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
12 1/4	8 5/8	J-55	24.0	400	Class G w/2% CaCl	155 sx +/-	1.17	15.8
7 7/8	5 1/2	J-55	15.5	7,180	Lead(Prem Lite II)	275 sx +/-	3.26	11.0
					Tail (50/50 Poz)	450 sx +/-	1.24	14.3

ATTACHMENTS

25. VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- ☒ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☒ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER

- ☒ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Mandie Crozier TITLE Regulatory Specialist

SIGNATURE *Mandie Crozier* DATE 6/17/10

(This space for State use only)

API NUMBER ASSIGNED: _____

APPROVAL: _____

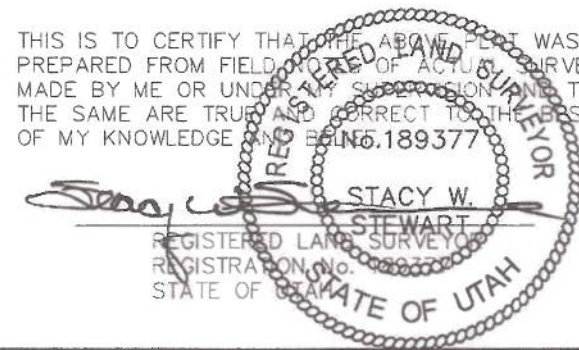
T4S, R1W, U.S.B.&M.

NEWFIELD PRODUCTION COMPANY

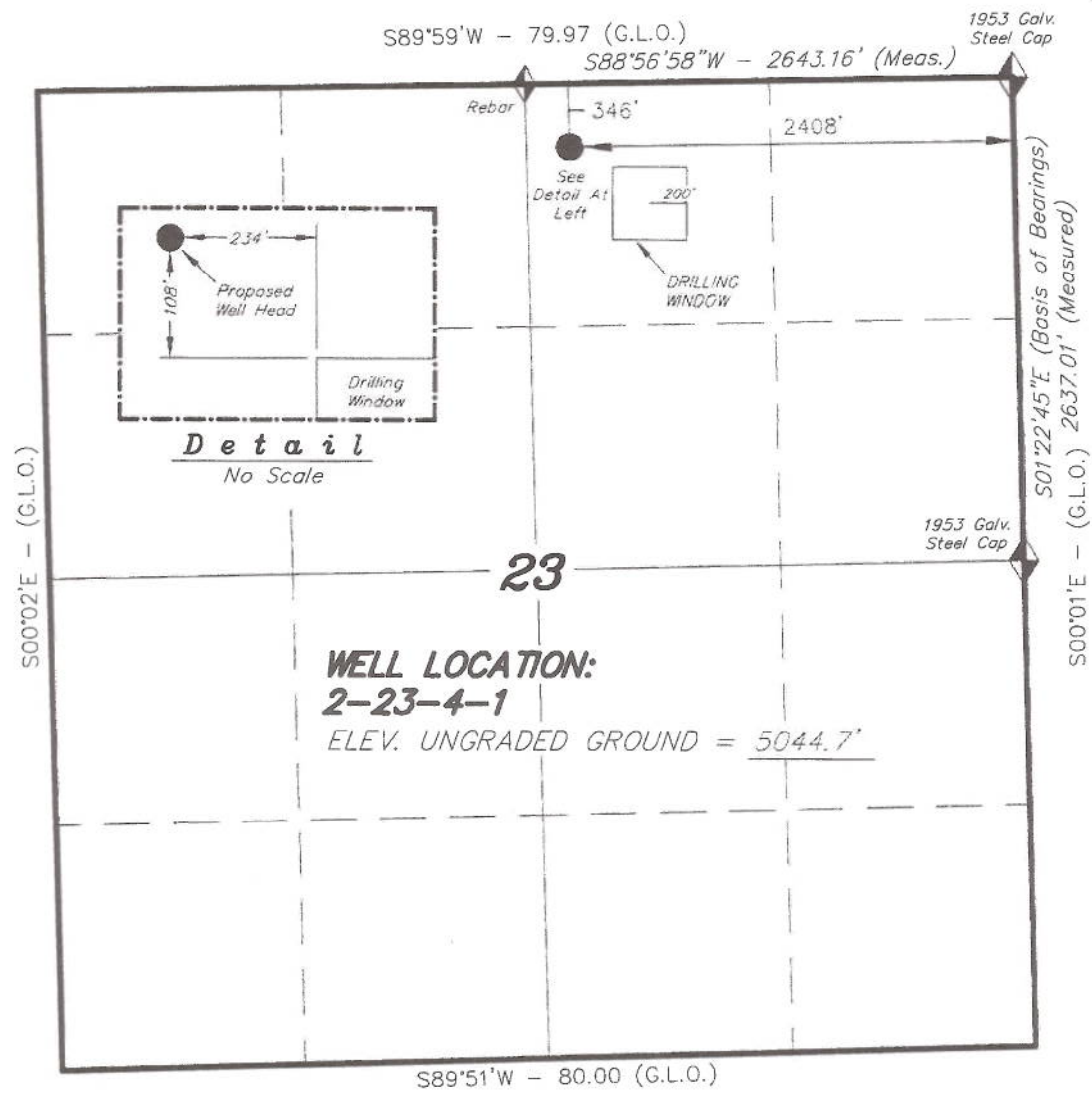
WELL LOCATION, 2-23-4-1, LOCATED
AS SHOWN IN THE NW 1/4 NE 1/4 OF
SECTION 23, T4S, R1W, U.S.B.&M.
UINTAH COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 02-12-10	SURVEYED BY: T.P.
DATE DRAWN: 02-19-10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are base on
LOCATION: an N.G.S. OPUS Correction.
LAT. 40°04'09.56" LONG. 110°00'43.28"
(Tristate Aluminum Cap) Elev. 5281.57'

2-23-4-1
(Surface Location) NAD 83
LATITUDE = 40° 07' 36.45"
LONGITUDE = 109° 57' 46.04"

APIWellNo:43047511110000

Well Name	NEWFIELD PRODUCTION COMPANY Hancock 2-23-4-1 43047511110000			
String	Surf	Prod		
Casing Size(in)	8.625	5.500		
Setting Depth (TVD)	400	7180		
Previous Shoe Setting Depth (TVD)	0	400		
Max Mud Weight (ppg)	8.3	8.4		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	3087	8.3		

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	173	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	125	YES air drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	85	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	85	NO OK
Required Casing/BOPE Test Pressure=		400	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

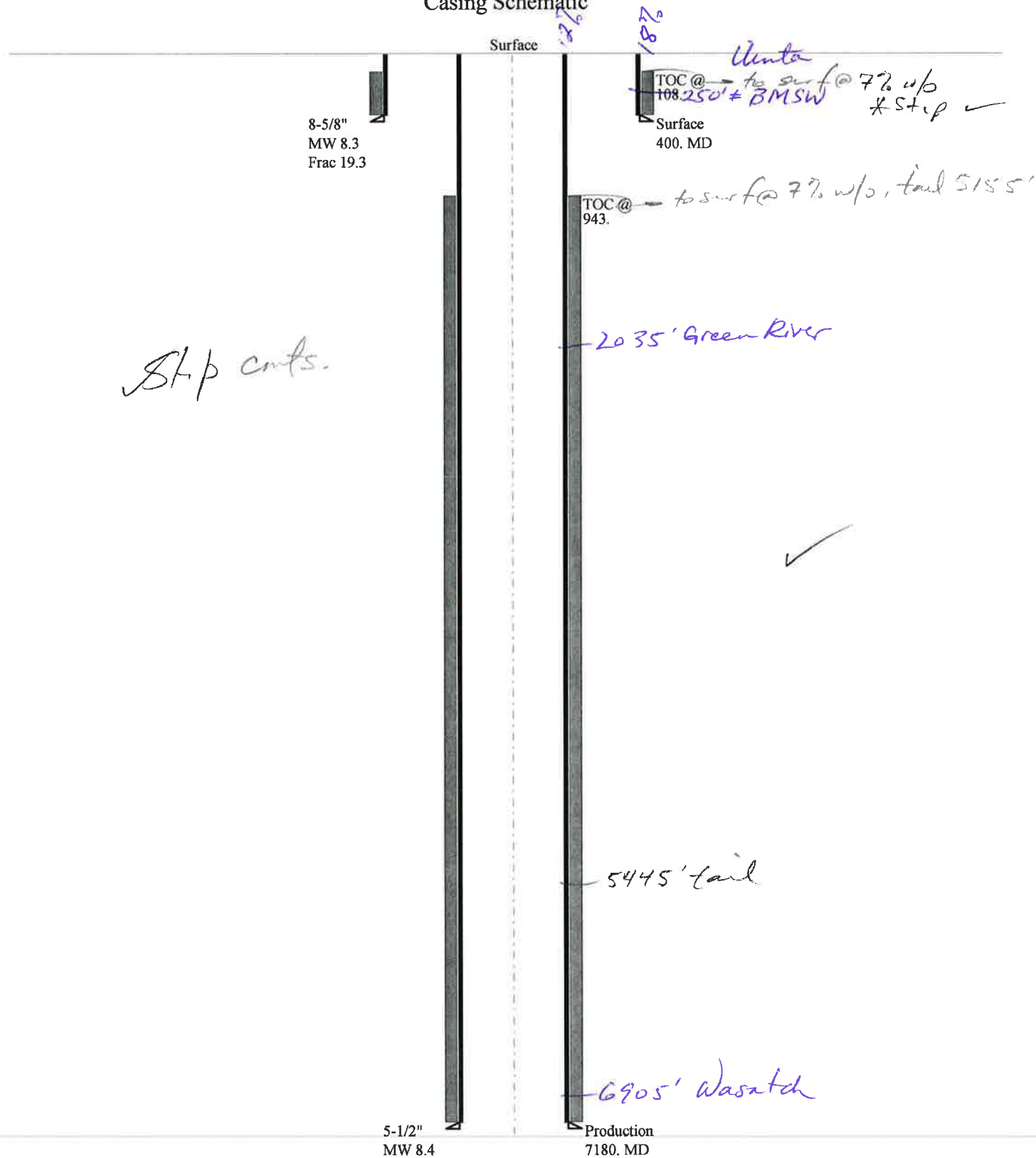
Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	3136	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2274	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1556	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1644	NO Reasonable for area
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		400	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

43047511110000 Hancock 2-23-4-1

Casing Schematic



Well name:	43047511110000 Hancock 2-23-4-1		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Surface	Project ID:	43-047-51111
Location:	UINTAH COUNTY		

Design parameters:
Collapse

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 80 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 108 ft

Burst

Max anticipated surface pressure: 352 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 400 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 350 ft

Non-directional string.
Re subsequent strings:

Next setting depth: 7,180 ft
Next mud weight: 8.400 ppg
Next setting BHP: 3,133 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 400 ft
Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	400	8.625	24.00	J-55	ST&C	400	400	7.972	2059
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	173	1370	7.917	400	2950	7.38	9.6	244	25.42 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: July 19, 2010
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 400 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43047511110000 Hancock 2-23-4-1		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Production	Project ID:	43-047-51111
Location:	UINTAH	COUNTY	

Design parameters:**Collapse**

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 175 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 943 ft

Burst

Max anticipated surface pressure: 1,553 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,133 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 6,268 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	7180	5.5	15.50	J-55	LT&C	7180	7180	4.825	25353
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3133	4040	1.289	3133	4810	1.54	111.3	217	1.95 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: July 19, 2010
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 7180 ft; a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION**Utah Division of Oil, Gas and Mining**

Operator	NEWFIELD PRODUCTION COMPANY						
Well Name	Hancock 2-23-4-1						
API Number	43047511110000	APD No	2722	Field/Unit	MONUMENT BUTTE		
Location: 1/4,1/4	NWNE	Sec	23	Tw	4.0S	Rng	1.0W 346 FNL 2408 FEL
GPS Coord (UTM)				Surface Owner	Henderson Ranches LLC		

Participants

Floyd Bartlett (DOGM) and Tim Eaton (Newfield).

Regional/Local Setting & Topography

The proposed location is approximately 11.7 road miles southeast of Myton, UT in Pleasant Valley, which drains into Pleasant Valley Wash. This wash drains into the Pariette Draw drainage of Uintah County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 10 miles downstream from the location. The broad flats of Pleasant Valley that are frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access to the site is by State, County and existing or planned oil field development roads. Approximately 2,210 feet of new construction across Henderson's private land will be required to reach the location.

The specific site for the proposed Hancock 2-23-4-1 oil well is in Pleasant Valley on the north edge of broken terrain with a pivot sprinkler irrigated field to the south. At the request of the surface owners the preferred location has been moved to substantially avoid the irrigated field. Only the reserve pit will be within the field. Small swales or gullies lead off to the north from the bench. They will be filled during construction. An additional significant drainage and farm access road to the east has been missed. Approximately 12.5 feet of fill will occur at Location Corner 2. The Location Layout shows the topsoil from the reserve pit to be stockpiled in the irrigated field. This should not occur. The site should be suitable and stable for construction of the pad, drilling and operating the proposed well.

Henderson Ranches owns the surface of the location.

Surface Use Plan**Current Surface Use**

Grazing
Agricultural
Wildlife Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
2210	Width 204 Length 305	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?**Environmental Parameters**

Affected Floodplains and/or Wetlands N

Flora / Fauna

Vegetation included horsebrush, greasewood, broom snakeweed, Indian ricegrass, prickly pear, rabbit brush, aster, curly mesquite grass, hordium jubatum and weedy annuals.

Cattle, deer, small mammals and birds.

Soil Type and Characteristics

Gravely sandy loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? N

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?**

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	300 to 1320	10
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score	30	1 Sensitivity Level

Characteristics / Requirements

The reserve pit will be 40' x 80' x 8' deep located in an area of cut on the northeast side of the location. A pit liner is required. Newfield commonly uses a 16-mil liner.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

Floyd Bartlett
Evaluator

6/28/2010
Date / Time

Application for Permit to Drill

Statement of Basis

7/22/2010

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
2722	43047511110000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	Henderson Ranches LLC	
Well Name	Hancock 2-23-4-1		Unit		
Field	MONUMENT BUTTE		Type of Work	DRILL	
Location	NWNE 23 4S 1W U 346 FNL 2408 FEL GPS Coord (UTM) 588425E 4442137N				

Geologic Statement of Basis

Newfield proposes to set 400' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 250'. A search of Division of Water Rights records shows one water well within a 10,000 foot radius of the center of Section 23. The well is over a mile southwest of the proposed location and is listed as domestic use. No depth is listed. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be an interconnected, high volume source of useable ground water.

Brad Hill
APD Evaluator

7/8/2010
Date / Time

Surface Statement of Basis

The proposed location is approximately 11.7 road miles southeast of Myton, UT in Pleasant Valley, which drains into Pleasant Valley Wash. This wash drains into the Pariette Draw drainage of Uintah County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 10 miles downstream from the location. The broad flats of Pleasant Valley that are frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access to the site is by State, County and existing or planned oil field development roads. Approximately 2,210 feet of new construction across Henderson's private land will be required to reach the location.

The specific site for the proposed Hancock 2-23-4-1 oil well is in Pleasant Valley on the north edge of broken terrain with a pivot sprinkler irrigated field to the south. At the request of the surface owners the preferred location has been moved to substantially avoid the irrigated field. Only the reserve pit will be within the field. Small swales or gullies lead off to the north from the bench. They will be filled during construction. An additional significant drainage and farm access road to the east has been missed. Approximately 12.5 feet of fill will occur at Location Corner 2. The Location Layout shows the topsoil from the reserve pit to be stockpiled in the irrigated field. This should not occur. The site should be suitable and stable for construction of the pad, drilling and operating the proposed well.

Henderson Ranches owns the surface of the location. A surface use agreement has been signed and a cultural resource survey waived. Lance Henderson attended the pre-site visit. He had no concern with the revised plan. The minerals are FEE owned by another party and under lease to Newfield Production Company.

Floyd Bartlett
Onsite Evaluator

6/28/2010
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

Application for Permit to Drill Statement of Basis

7/22/2010

Utah Division of Oil, Gas and Mining

Page 2

Surface

The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/17/2010

API NO. ASSIGNED: 43047511110000

WELL NAME: Hancock 2-23-4-1

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: NWNE 23 040S 010W

Permit Tech Review: ☒

SURFACE: 0346 FNL 2408 FEL

Engineering Review: ☒

BOTTOM: 0346 FNL 2408 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.12680

LONGITUDE: -109.96220

UTM SURF EASTINGS: 588425.00

NORTHINGS: 4442137.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☒ **PLAT**
- ☒ **Bond:** STATE/FEE - B001834
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☒ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☒ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

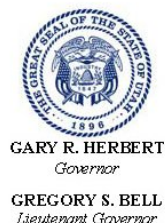
Commingle Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**
- Unit:**
- ☐ **R649-3-2. General**
- ☒ **R649-3-3. Exception**
- ☒ **Drilling Unit**
- Board Cause No:** R649-3-3
- Effective Date:**
- Siting:**
- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
1 - Exception Location - bhill
5 - Statement of Basis - bhill
23 - Spacing - dmason
25 - Surface Casing - ddoucet



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Hancock 2-23-4-1
API Well Number: 43047511110000
Lease Number: FEE
Surface Owner: FEE (PRIVATE)
Approval Date: 7/22/2010

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-3. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Surface casing shall be cemented to the surface.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:



Acting Associate Director, Oil & Gas

Spud
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross Rig # 29
Submitted By Xabier Lasa Phone Number 435-823-6014
Well Name/Number Hancock 2-23-4-1
Qtr/Qtr NW/NE Section 23 Township 4S Range 1W
Lease Serial Number Fee
API Number 43-047-511110000

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 9-15-10 8:00
AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 9-15-10 2:00 AM ☐ PM ☒


BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks Spud With Ross Rig #29 @ 8:00 am Run 8 5/8" Casing
@ 2:00 pm on 9-15-10.

OPERATOR ACCT. NO. **N2695**

Signature  Jentri Park

Production Clerk 09/22/10

Date

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: HANCOCK 2-23-4-1
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNE, 23, T4S, R1W		9. API NUMBER: 4304751111
		10. FIELD AND POOL, OR WILDCAT: MYTON-TRIBAL EDA
		COUNTY: Uintah
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/14/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 10/14/2010, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE  DATE 10/19/2010

(This space for State use only)

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OCT 25 2010

DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****HANCOCK 2-23-4-1****8/1/2010 To 12/30/2010****10/5/2010 Day: 1****Completion**

Rigless on 10/5/2010 - Run CBL. - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6976'. Could not get deep enough to shoot Wasatch @ 7018-24. 169 BWTR. SWIFN.

Daily Cost: \$0**Cumulative Cost:** \$11,483

10/8/2010 Day: 3**Completion**

Nabors #147 on 10/8/2010 - Drill out cement, TOO H w/ tbg, Perforate & frac stage 1 & perforate stage 2. - MIRUSU. RU rig floor. NU Washington head. Talley & PU 4 3/4" rock bit, bit sub & 224- jts J-55 8rd 6.5# EUE tbg. Tag soft cement @ 7000'. RU PS & pump lines. Clean out to 7030' & tag hard cement. Circulate well clean. SWIFN. 169 BWTR. - Capstar driller clipped Geronimo line with mirror of pickup prior to crew arriving on location. Inspect rig and found no damage to rig. Drill out cement to 7150'. Circulate well clean w/ fresh water. RD power swivel. TOO H w/ tbg & LD BHA. RD rig floor. ND Washington head. RU WLT. RIH w/ CIBP @ perf gun. Could not get past 7146' w/ wireline. Set CIBP @ 7118'. Pressure test csg to 2000 psi w/ rig pump. Perforate stage 1 as detailed. RU BJ services. Attempt to break down perfs w/o success. RIH w/ dump bailer & spot acid over perfs. POOH w/ WL. Frac stage 1 as detailed. RIH w/ WL, set composite plug & perforate stage 2 as detailed. 888 BWTR. - MIRUSU. RU rig floor. NU Washington head. Talley & PU 4 3/4" rock bit, bit sub & 224- jts J-55 8rd 6.5# EUE tbg. Tag soft cement @ 7000'. RU PS & pump lines. Clean out to 7030' & tag hard cement. Circulate well clean. SWIFN. 169 BWTR. - Capstar driller clipped Geronimo line with mirror of pickup prior to crew arriving on location. Inspect rig and found no damage to rig. Drill out cement to 7150'. Circulate well clean w/ fresh water. RD power swivel. TOO H w/ tbg & LD BHA. RD rig floor. ND Washington head. RU WLT. RIH w/ CIBP @ perf gun. Could not get past 7146' w/ wireline. Set CIBP @ 7118'. Pressure test csg to 2000 psi w/ rig pump. Perforate stage 1 as detailed. RU BJ services. Attempt to break down perfs w/o success. RIH w/ dump bailer & spot acid over perfs. POOH w/ WL. Frac stage 1 as detailed. RIH w/ WL, set composite plug & perforate stage 2 as detailed. 888 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$64,202

10/9/2010 Day: 4**Completion**

Nabors #147 on 10/9/2010 - Frac remaining 3 stages & flowback well. - Finish fracing & perforate last 3 stages as detailed. 2235 BWTR. Open well for immediate flowback @ approx 3 BPM. Well flowed for 5 hours & died. Recovered approx 720 bbls. SWIFN. 1515 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$167,562

10/12/2010 Day: 5**Completion**

Nabors #147 on 10/12/2010 - Drill out plugs & clean out to PBTD. - Check pressure on well, 480 psi. Bleed pressure off well. ND frac BOPs & wellhead. NU production wellhead & BOPs.

RU rig floor. TIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. Tag fill @ 5730', clean out to plug @ 5735'. Drill out plug in 12 min. Continue TIH w/ tbg & tag fill @ 6525'. Clean out to plug @ 6590'. Drill out plug in 10 min. Circulate well clean. Continue TIH w/ tbg & tag fill @ 6700'. Clean out to plug @ 6730'. Drill out plug in 7 min. Continue TIH w/ tbg & tag fill @ 7060'. Clean out to PBTD @ 7146. Circulate well clean. RD drill equipment. LD 4 jts tbg. SWIFN. 1515 BWTR.

Daily Cost: \$0

Cumulative Cost: \$173,548

10/13/2010 Day: 6**Completion**

Nabors #147 on 10/13/2010 - Flow & swab for clean up. Round trip tbg. - Check pressure on well, 600 psi csg & 540 psi tbg. Open to flat tank to bleed off pressure. Flowed 40 bbls to tank. RU swab equipment. Made 14 swab runs w/ SFL @ surface & EFL @ 1000'. Recovered 130 bbls ending w/ good show of oil & no show of sand. RD swab equipment. PU 4- jts tbg & tag fill @ 7134'. Clean out to PBTD @ 4146'. Circulate well clean. LD 8- jts tbg. TOOH w/ tbg & LD BHA. TIH w/ production tbg. RD rig floor. ND BOPs. Set TA @ 6760' w/ 18,000#s tension. NU wellhead. X-over for rods. SWIFN. 1345 BWTR.

Daily Cost: \$0

Cumulative Cost: \$180,661

10/14/2010 Day: 7**Completion**

Nabors #147 on 10/14/2010 - PU rods & PWOP. - Check pressure on well, 280 psi tbg & csg. Bleed pressure off well. PU & prime Central Hydraulic 2 1/2" X 1 1/2" X 20' X 24' RHAC rod pump. PU rods as detailed. RU pumping unit. Stoke test pump w/ unit to 800 psi. RDMOSU. PWOP @ 2:30 PM w/ 122" SL & 5 SPM. 1345 BWTR. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$215,780

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
FEE

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.
Hancock 2-23-4-1W

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code)
(435)646-3721

9. AFI Well No.
43-047-51111

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

346' FNL & 2408 FEL (NW/NE) SEC.23, T4S, R1W

At surface

10. Field and Pool or Exploratory
MYTON-TRIBAL EDA

11. Sec., T., R., M., on Block and
Survey or Area
SEC.23, T4S, R1W

At top prod. interval reported below

12. County or Parish

13. State

At total depth 7175'

Utah

UT

14. Date Spudded
09/15/2010

15. Date T.D. Reached
09/26/2010

16. Date Completed 10/13/2010
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5045' GL 5057 KB

18. Total Depth: MD 7175'
TVD

19. Plug Back T.D.: MD 7146'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

☒ DUAL IND GRD, ☒ SP, ☒ COMP. DENSITY, ☒ COMP. NEUTRON, ☒ GR, ☒ CALIPER, ☒ CMT BOND

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	426.85'		220 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	7162.48'		340 PRIMLITE		240'	
						450 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6840'	TA @ 6959'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			6933-7024 Wasatch	.36"	3	30
B) Green River			6661-6668 CP5	.36"	3	21
C) Green River			6433-6536 CP1,2,3	.36"	3	33
D) Green River			5685-5690 D2	.36"	3	15

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6933-7024 Wasatch	Frac w/ 74694#s of 20/40 sand in 474 bbls of Lightning 17 fluid
6661-6668 CP5	Frac w/ 14041#s of 20/40 sand in 129 bbls of Lightning 17 fluid
6433-6536 CP1,2,3	Frac w/69699#s of 20/40 sand in 444 bbls of Lightning 17 fluid
5685-5690 D2	Frac w/ 24953#s of 20/40 sand in 205bbls of Lightning 17 fluid

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10-14-10	10-27-10	24	→	52.53	59.83	18.60			2-1/2" x 1-1/2" x 20'x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
2-7/8"			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD AND USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Wasatch	6933	7024		GARDEN GULCH MRK GARDEN GULCH 1	4520 4704
Green River	5685	6668		GARDEN GULCH 2 POINT 3	4828 5135
				X MRKR Y MRKR	5344 5381
				DOUGALS CREEK MRK BI CARBONATE MRK	5522 5835
				B LIMESTON MRK CASTLE PEAK	5968 6357
				BASAL CARBONATE WASATCH	6746 6869

32. Additional remarks (include plugging procedure):

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NOV 08 2010

DIV. OF OIL, GAS & MINING

33. Indicate which items have been attached by placing a check in the appropriate boxes:

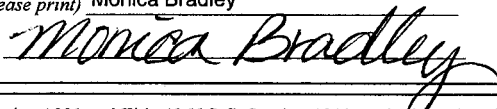
- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
☒ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Monica Bradley

Title Office Services Assistant

Signature



Date 11/01/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

Daily Activity Report**RECEIVED****NOV 08 2010****Format For Sundry****HANCOCK 2-23-4-1****DIV. OF OIL, GAS & MINING****7/1/2010 To 11/30/2010****HANCOCK 2-23-4-1****Drill 7 7/8" hole with fresh water****Date:** 9/23/2010

NDSI #1 at 1875. 1 Days Since Spud - Drill 7 7/8" hole F/1868' - 1875', w/ 15 WOB, 161 RPM, 350 GPM, ROP 155 - Change out swivle packing and wash pipe - Drill 7 7/8" hole F/387' - 1868', w/ 20 WOB, 161 RPM, 350 GPM, ROP 155 - Change out kill line valve and hose - 21 6" DC - Pick up Hughs 7 7/8" Q506F PDC, Hunting 7/8 3.5 1.5° M.M. , xo sub, Monel, sub, xo sub, Hathaway tools, - Surface csg @ 1500 PSI - test good - R/U B&C quicktest Test Kelly, safty valve, choke manifold, Pipe and blind rams @ 2000 PSI - MIRU w/ Jones trucking 1 mil - set all equipment - Tear down prepair for rig move - @ 15.8ppg and 1.17 yield , returned 4 bbls cement to pit, bump plug to 424 psi - On 2-21-10 R/U BJ and Cmt w/ sks of class G cmt + 2% calcium chloride+ .25 # sk cello flake mixed - casing Set @ 426.85' KB, drill mouse and rat hole - On 9-15-10 spud @ 8:00 AM and drill 12 1/4" hole to 425', P/U and run 10 jts of 8 5/8" J-55 24# STC - Notify state and BLM of spud, csg and cmt - Drill 7 7/8" hole F/1868' - 1875', w/ 15 WOB, 161 RPM, 350 GPM, ROP 155 - Change out swivle packing and wash pipe - Drill 7 7/8" hole F/387' - 1868', w/ 20 WOB, 161 RPM, 350 GPM, ROP 155 - Change out kill line valve and hose - 21 6" DC - Pick up Hughs 7 7/8" Q506F PDC, Hunting 7/8 3.5 1.5° M.M. , xo sub, Monel, sub, xo sub, Hathaway tools, - Surface csg @ 1500 PSI - test good - R/U B&C quicktest Test Kelly, safty valve, choke manifold, Pipe and blind rams @ 2000 PSI - MIRU w/ Jones trucking 1 mil - set all equipment - Tear down prepair for rig move - @ 15.8ppg and 1.17 yield , returned 4 bbls cement to pit, bump plug to 424 psi - On 2-21-10 R/U BJ and Cmt w/ sks of class G cmt + 2% calcium chloride+ .25 # sk cello flake mixed - casing Set @ 426.85' KB, drill mouse and rat hole - On 9-15-10 spud @ 8:00 AM and drill 12 1/4" hole to 425', P/U and run 10 jts of 8 5/8" J-55 24# STC - Notify state and BLM of spud, csg and cmt - Drill 7 7/8" hole F/1868' - 1875', w/ 15 WOB, 161 RPM, 350 GPM, ROP 155 - Change out swivle packing and wash pipe - Drill 7 7/8" hole F/387' - 1868', w/ 20 WOB, 161 RPM, 350 GPM, ROP 155 - Change out kill line valve and hose - 21 6" DC - Pick up Hughs 7 7/8" Q506F PDC, Hunting 7/8 3.5 1.5° M.M. , xo sub, Monel, sub, xo sub, Hathaway tools, - Surface csg @ 1500 PSI - test good - R/U B&C quicktest Test Kelly, safty valve, choke manifold, Pipe and blind rams @ 2000 PSI - MIRU w/ Jones trucking 1 mil - set all equipment - Tear down prepair for rig move - @ 15.8ppg and 1.17 yield , returned 4 bbls cement to pit, bump plug to 424 psi - On 2-21-10 R/U BJ and Cmt w/ sks of class G cmt + 2% calcium chloride+ .25 # sk cello flake mixed - casing Set @ 426.85' KB, drill mouse and rat hole - On 9-15-10 spud @ 8:00 AM and drill 12 1/4" hole to 425', P/U and run 10 jts of 8 5/8" J-55 24# STC - Notify state and BLM of spud, csg and cmt

Daily Cost: \$0**Cumulative Cost:** \$79,614**HANCOCK 2-23-4-1****Drill 7 7/8" hole with fresh water****Date:** 9/24/2010

NDSI #1 at 4809. 2 Days Since Spud - Rig service funtion test pipe rams and crownomatic - Drill 7 7/8" hole F/2744' - 4809', w/ 20 WOB, 144 RPM, 350 GPM, ROP 118 - Drill 7 7/8" hole F/1875' -2744', w/ 20 WOB, 150 RPM, 350 GPM, ROP 144

Daily Cost: \$0**Cumulative Cost:** \$116,762**HANCOCK 2-23-4-1****Drill 7 7/8" hole with fresh water****Date:** 9/25/2010

NDSI #1 at 6846. 3 Days Since Spud - Drill 7 7/8" hole F/ 4809' to 5531' , w/ 20 WOB, 144

RPM, 350 GPM,ROP 113 - Rig service funtion test pipe rams and crownomatic - Drill 7 7/8" hole F/ 5531' to 6846' , w/ 20 WOB, 144 RPM, 350 GPM,ROP 113

Daily Cost: \$0

Cumulative Cost: \$130,367

HANCOCK 2-23-4-1**Wait on Completion**

Date: 9/26/2010

NDSI #1 at 7175. 4 Days Since Spud - Rig up QT Casing and Run 174jts 5.5 15.5# J-55 LTC Casing set @ 7162'KB - Pressure Test 5 1/2" Casing Rams to 2,000PSI F/ Ten Minutes - Log well Loggers TD 6652 - Laydown Drill pipe and BHA - Pump 390bbls of Brine - Laydown Drill pipe to 4,000' - Pump Sweep and circulate F/ Logs - Drill 7 7/8" hole F/ 6846' to 7175' , w/ 20 WOB, 144 RPM, 350 GPM,ROP 113 - Rig up BJ hardlines and circulate w/ Rig Pump - Cement W/ 340sks PL11+3%KCL+5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF Mixed @ 11ppg - W/3.54 yield 450sks 50:50:2+3%KCL+0.5%EC-1+.25#sk CF+.05#SF+.3SMS+FP-6L Mixed @ - 14.4ppg W/ 1.24yield Returned 40bbls to pit - Nipple down BOP set slips W/ 93,000 tension - Release Rig @ 6:00AM 9/26/10 Ryan Crum - Clean Mud tanks **Finalized**

Daily Cost: \$0

Cumulative Cost: \$313,616

Pertinent Files: Go to File List

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NOV 08 2010

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**
ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84052

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
E	17755	17755	4304751049	UTE TRIBAL 1-15-4-1E	NENE	15	4S	1E	UINTAH	7/23/2010	9/2/10
WELL 1 COMMENTS: CHANGE FORMATION F/ GRRV TO GRWS											
CONFIDENTIAL											
E	17735	17735	4304751059	UTE TRIBAL 9-30-4-1E	NESE	30	4S	1E	UINTAH	7/17/2010	8/13/10
CHANGE FORMATION F/ GRRV TO GRWS											
E	17796	17796	4304751111	HANCOCK 2-23-4-1	NWNE	23	4S	1W 4E	UINTAH	9/15/2010	10/13/10
CHANGE FORMATION F/ GRRV TO GRWS											
E	17804	17804	4304751162	SCHWAB-STOLLMACK 3-19-4-1E	NENW	19	4S	1E	UINTAH	10/3/2010	11/19/10
CHANGE FORMATION F/ GRRV TO GRWS											
E	17802	17802	4304751165	SCHWAB-STOLLMACK 6-19-4-1E	SENW	19	4S	1E	UINTAH	9/25/2010	10/30/10
CHANGE FORMATION F/ GRRV TO GRWS											

ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - 1 well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

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DEC 21 2010

DIV. OF OIL, GAS & MINING

Signature _____ Jentri Park
Production Clerk _____ 12/21/10